



PATENT ABSTRACTS OF JAPAN

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H01H 33/00(21) Application number: **2002198609**(22) Date of filing: **08.07.2002**(71) Applicant: **FUJIKURA LTD**(72) Inventor: **GOTO KENJI**
SAITO TAKASHI**(54) NONINDUCTIVE WINDING AND PERMANENT
CURRENT SWITCH****(57) Abstract:**

PROBLEM TO BE SOLVED: To provide a noninductive winding in which superior cooling efficiency is obtained to constitute a permanent current switch with high speed switching operation.

SOLUTION: In a superconductive coil (noninductive winding) 10, two superconductive shaped twisted wires 11 and 12 are superposed while one end of which is joined to another, and insulating tapes 13 and 14 are arranged along an outer peripheral surface of each of the superconductive shaped twisted wire, respectively, and wound like a coil shape with the joining part as a starting point.

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